

HARMONIZATION OF REGIONAL NUCLEAR EMERGENCY PREPAREDNESS (RER/9/050) I4 New

CORE FINANCING

YEAR	Experts		Group Activity	Equipment	Fellowships		Scientific Visits		Group Training	Sub-Contracts	Misc. Comp.	TOTAL
	m/d	US \$	US \$	US \$	m/d	US \$	m/d	US \$	US \$	US \$	US \$	US \$
1997	3/0	39,600	0	0	0/0	0	0/0	0	95,040	0	0	134,640
1998	3/0	41,850	0	0	0/0	0	0/0	0	110,670	0	0	152,520

First Year Approved: 1997

OBJECTIVES: To provide Member States in Central and Eastern Europe with the means to respond adequately on a regional basis to severe reactor accidents having a transboundary impact.

BACKGROUND: A severe reactor accident could result in transboundary releases requiring protective actions in several countries of Eastern and Central Europe. Without standard procedures or a common understanding among these countries, the protective actions they take could differ considerably, the reasons for these differences being difficult to explain and reconcile. Without standard methods or an understanding of how methods differ, it will be very difficult for these countries to interpret or use each other's data. This could result in confusion and mistrust on the part of the public and could possibly impede effective protective actions. The problem is compounded by the fact that several countries have not developed detailed procedures or methods for assessing reactor accidents or for determining protective actions. This is particularly true for countries implementing Model Projects and for those that do not have power reactors. The Agency does not provide sufficiently detailed guidance or training to provide a basis for an effective and harmonized regional response to a severe accident. Therefore, experts sent by the Agency to assist these countries present the practices of their own countries and not those of the Agency.

PROJECT PLAN: The Agency will develop detailed guidelines, procedures and training materials on severe accident assessment and protective actions. The equipment and expertise needed to apply these basic procedures will be identified and will be the basis for assistance. Training on these procedures will be given at regional workshops, and the participants will acquire procedures they can use immediately. The experts assisting participating countries will also attend the workshops so that they can apply the guidelines uniformly. Annual workshops on accident assessment and environmental monitoring will be conducted at the same facilities, using staff of each facility, who will be responsible for maintaining the agreed safety procedure. The participating Member States are Armenia, Belarus, Bosnia-Herzegovina, Bulgaria, the Czech Republic, Estonia, Georgia, Hungary, Lithuania, Moldova, Poland, Romania, the Slovak Republic and Ukraine. Through extrabudgetary assistance, Latvia will also participate.

NATIONAL COMMITMENT: Each participating country will identify personnel to be responsible for decision making in the event of a severe accident, for emergency preparedness capabilities, and accident assessment, and will send them to workshops on the guidelines and procedures developed by the Agency. These representatives will apply the guidelines in their own countries.

AGENCY INPUT: The preparation of: (1) detailed guidelines (in English and Russian) on developing an emergency preparedness capability; (2) standardized procedures (in English and Russian) for assessing environmental data, facility conditions and protective actions during an accident; (3) standardized training material (in English and Russian) on emergency preparedness and accident assessment. Training workshops (in Russian) on: (a) protective action decision making on severe reactor accidents and effectiveness of protective actions; (b) developing an effective emergency capability and plan; (c) accident and environmental assessment. Assistance from experts trained in (1) and (2) above; these experts must receive training to ensure consistent application of Agency guidelines. Annual regional workshops on accident assessment and environmental sampling to acquire a better understanding of each other's methods and to promote mutual trust.

PROJECT IMPACT: An effective and harmonized regional response mechanism will be established to deal with severe accidents with transboundary releases.